

## INTERNATIONAL SEARCH REPORT

 Int. Classification No.  
 PCT/GB 03/00175

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G01B11/27 G02B7/00 F16M11/14 G01D11/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G01B B25J G02B F16M G01D G12B B23Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 939 678 A (BECKWITH JR WALTER L) 3 July 1990 (1990-07-03)	1
A	column 6, line 43 -column 7, line 58; figure 5.	2-8
A	US 5 507 097 A (DUEY DAVID H ET AL) 16 April 1996 (1996-04-16)	1
A	column 5, line 14 -column 6, line 44; figures 1,4	
A	EP 0 529 182 A (HAMAR LASER INSTR INC) 3 March 1993 (1993-03-03)	1,9,10
A	column 17, line 28 -column 18, line 10; figures 2,5,16	
A	US 4 518 855 A (MALAK STEPHEN P) 21 May 1985 (1985-05-21)	1
	column 3, line 51 -column 4, line 20	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

13 June 2003

Date of mailing of the international search report

- 1. 7. 03

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# INTERNATIONAL SEARCH REPORT

Int. Classification No  
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 159 989 A (CLAXTON GERALD L) 3 November 1992 (1992-11-03) column 2, line 20 - line 59; figures 1,2 ----	12
X	US 5 362 108 A (HRVATIN SCOTT) 8 November 1994 (1994-11-08)	12,13
Y	column 6, line 66 -column 7, line 36; figures 3,9 ----	14
Y	US 4 278 381 A (BLOMQUIST ROBERT E ET AL) 14 July 1981 (1981-07-14) column 14, line 20 - line 68; figure 17 ----	14
X	US 4 925 288 A (HARRIS JOHN R) 15 May 1990 (1990-05-15) column 3, line 47 - line 59; figures 1-3 ----	17,19, 21-26,28
X	US 4 293 112 A (HORTON JAMES A) 6 October 1981 (1981-10-06)	17
A	column 2, line 14 - line 43; figure 1 -----	26,27

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-8

Measuring system comprising a base and first housing mounted on a first part and second housings mounted on a second part of a machine. The adjacent surfaces of the base and the first housing and of the two housings have complementary parts that allow mutual alignment of these parts.

2. Claims: 9,10

Measuring system comprising a base and first housing and a cable mounting device

3. Claim : 11

Measuring system comprising a base and first housing wherein the angle of the base is adjustable

4. Claims: 12-16

Platform for supporting a housing with complementary mounting structures including a lifting mechanism for bringing the platform and housing in contact.

5. Claims: 17-31

Apparatus for adjusting the angle of an object relative to a surface, the apparatus comprising an upper plate for mounting the object, a lower plate mounted on the surface, and a track and a ball between the plates for performing the adjustment.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB 03/00175

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:  
1-10, 12-31
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Inte I Application No

PCT/GB 03/00175

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